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CAO

223



STUDENT REPORT

BRZTS

DETAILS

Name

B HARSHITHA

Roll Number

3BR23CA014

EXPERIMENT

Title

13CA01A

201A3BR?

3BR23CAMATHS TEST Description

Alice has a mathematics test for which she is underprepared. She has to do at least one question correctly to pass the test. He decides to do a question which needs her to find the smallest prime number which is larger than a given integer N. Your task is to find and return an integer value representing the smallest prime number larger than N.

Input Format:

input1: An integer value N

Output Format:

Return an integer value representing the smallest prime number larger than N.

38R23CAO1A 3R2ACA 3CAO1A 3R2ACA 3CAO1

CRO

NA

Sample Input

6

Sample Output

7

3BR23CAO1A3BR23CAO1A3BR23C 38R23CA01A3BR23CA01A3BR23CA01A5

A 36.

9/28/24, 7:26 PM

```
3BR23CA014-Maths Test
    def next_prime(N):
      num = N + 1
      while True:
        is_prime = True
        for i in range(2, int(num**0.5) + 1):
          if num % i == 0:
            is_prime = False
            break
        if is_prime:
          return num
        num += 1
    N = int(input())
    result = next_prime(N)
    print(result)
RESULT
  5 / 5 Test Cases Passed | 100 %
```

https://practice.reinprep.com/student/get-report/60cae6d6-7c82-11ef-ae9a-0e411ed3c76b